**Plate Tectonics**

**Summative Assessment**

**How in the world...?  
*Students will pick a geological feature or Earth event and explain in detail how these are formed or occur through their understanding of Plate Tectonics. (i.e. Andes Mountains, 2004 Sumatra earthquake).***

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|  | Advanced | Proficient | Partially Proficient | Below Proficiency |
| **WRITTEN ASSESSMENT**  **X2** | \*Well written introduction  1) Explains how the feature was formed geologically  2) Includes many relevant details  3) Description of the formation geologically  4) Uses appropriate scientific vocabulary | 3 of 4, or 4 partially completed | 2 of 4, or 3 partially completed | 1 of 4, or 2 partially completed |
| **VISUAL ASSESSMENT**  **X2** | 1) An accurate diagram, illustration, model is submitted  2) Movements show how feature was formed  3) Relevant features are labeled  4) Conventions for diagrams and illustrations are followed: Scale, proportion are correct, key as needed | 3 of 4, or 4 partially completed | 2 of 4, or 3 partially completed | 1 of 4, or 2 partially completed |
| **Mechanics/Written Conventions** | Conventions- spelling, punctuation, capitalization – no errors | 1-3 errors | 4-5 errors | More than 5 errors in conventions |
| **Citations** | MLA formatted citation list submitted for all research, images, animations, etc. | Some citations submitted correctly | Incomplete/improper Citation list | No citations submitted |